

Appl. No. 10/071,673
Reply to Examiner's Action dated 11/01/2005

IN THE CLAIMS:

1. (Currently Amended) A mobile phone, comprising:

an interface unit configured to download, independent of activation of said mobile phone, user interface data from an external data source in a production environment after a manufacturing phase of said mobile phone, said user interface data configured to provide an interface for a user of said mobile phone;

a digital memory configured to store said user interface data and run-time software installed during said manufacturing phase, said run-time software configured to employ said user interface data to tailor said mobile phone for a specific market.

2. (Previously Presented) The mobile phone as recited in Claim 1 wherein fixed resources are stored in said digital memory during said manufacturing phase.

3. (Previously Presented) The mobile phone as recited in Claim 1 wherein said user interface data is downloaded with executable software.

4. (Previously Presented) The mobile phone as recited in Claim 1 wherein said interface unit includes a connector configured to establish an electrical connection for said download.

5. (Previously Presented) The mobile phone as recited in Claim 1 wherein said production environment is a location selected from the group consisting of:

a mobile phone manufacturer,

a mobile phone wholesaler, and

a mobile phone vendor.

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6. (Previously Presented) The mobile phone as recited in Claim 1 further comprising a keyboard including at least a section wherein a layout thereof is defined by said downloaded user interface data.
7. (Previously Presented) The mobile phone as recited in Claim 1 further comprising a main display including at least a section where dialogues or menus are displayed, said dialogues and said menus being provided by said downloaded user interface data.
8. (Previously Presented) The mobile phone as recited in Claim 7 wherein said main display shows icons having associated functionality on a touch-screen area thereof wherein said icons and said associated functionality is provided by said downloaded user interface data.
9. (Previously Presented) The mobile phone as recited in Claim 1 further comprising a loudspeaker and an electronic circuitry connected thereto for driving said loudspeaker, said downloaded user interface data comprising melodies, speech messages or acoustic signals associated with functions of said mobile phone.
10. (Currently Amended) The mobile phone as recited in Claim 1 wherein said user interface data is associated with numeric values in a downloadable table and said run-time software is configured to issue messages having symbols wherein each of said symbols is associated with a specific one of said numeric values to thereby identify said user interface data for said download includes a table of global information and said run-time software employs said global information to provide said interface.
11. (Currently Amended) The mobile phone as recited in Claim 1 further comprising an infrared transceiver wherein said user interface data is downloaded via said infrared transceiver an Internet interface for exchanging data with an Internet service provider.

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12. (Previously Presented) The mobile phone as recited in Claim 1 wherein said downloaded user interface data defines a menu structure for functions of said mobile phone.

Claims 13-20 (Canceled)

21. (Currently Amended) A system for configuring a mobile phone for a specific market, comprising:

an external data source located in a mobile phone production environment; and
an end user tool that facilitates a transfer of user interface data from said external data source to said mobile phone after a manufacturing phase and independent of activation of said mobile phone, said user interface data therefrom for tailoring said mobile phone for a specific market, said mobile phone, including:

~~an interface unit configured to download said user interface; and~~
~~a digital memory configured to store said user interface data and run-time software installed during said manufacturing phase, said run-time software configured to employ said user interface data for said tailoring.~~

22. (Previously Presented) The system for configuring a mobile phone as recited in Claim 21 wherein said end user tool includes at least one tool selected from the group consisting of:

a Resource Editor,

a Resource Compiler and

a Resource Loader.

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23. (Previously Presented) The system for configuring a mobile phone as recited in Claim 21 wherein said external source is configured to download data employing a layered approach.

24. (Previously Presented) The system for configuring a mobile phone as recited in Claim 21 wherein said run-time software includes a Resource Loader that is configured to determine a compatibility of said downloaded user interface data and said run-time software.

25. (Currently Amended) The system for configuring a mobile phone as recited in Claim 21 wherein said end user tool includes a resource compiler configured to generate a downloadable table to transfer said user interface data, said downloadable table including said user interface data associated with numeric values, wherein said run-time software is configured to issue messages having symbols wherein each of said symbols is associated with a specific one of said numeric values to thereby identify said user interface data for said download table with global information and said run-time software is configured to employ said global information to provide said interface.

26. (New) The system for configuring a mobile phone as recited in Claim 21 wherein said mobile phone includes:

an interface unit configured to download said user interface data; and
a digital memory configured to store said user interface data and run-time software installed during said manufacturing phase, said run-time software configured to employ said user interface data for said tailoring.

27. (New) A method of configuring a mobile phone for a specific market, comprising:

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connecting said mobile phone to an external data source in a mobile phone production environment after a manufacturing phase thereof; and

downloading user interface data from said external data source to said mobile phone independent of activation of said mobile phone, wherein said user interface data is identified by run-time software of said mobile phone and employed by said run-time software to provide an interface for a user of said mobile phone in said specific market.

28. (New) The method as recited in Claim 27 wherein said connecting is via an electrical connection.

29. (New) The method as recited in Claim 27 wherein said mobile phone production environment is at a mobile phone manufacturer.

30. (New) The method as recited in Claim 27 wherein said mobile phone production environment is at a mobile phone wholesaler.

31. (New) The method as recited in Claim 27 wherein said mobile phone production environment is at a mobile phone vendor.

32. (New) The method as recited in Claim 27 further comprising generating a downloadable table wherein said user interface data corresponds to numeric values associated with symbols in messages issued by said run-time software, wherein said downloading includes downloading said table.

33. (New) The method as recited in Claim 27 wherein said downloading of said user interface data occurs before activation of said mobile phone is complete.